Steps: (1) Divide (2) Multiply (3) Subtract (4) Bring down the next number (5) Repeat if needed

(1) $8\overline{)95563}$	(2) $6\overline{)80753}$	(3) $7\overline{)96324}$
(4) $2\overline{)69244}$	(5) $9\overline{)34860}$	(6) $9\overline{)95723}$

Steps: (1) Divide (2) Multiply (3) Subtract (4) Bring down the next number (5) Repeat if needed

Also see our Worksheets and Walkthroughs video: "Division - Traditional Long Division Algorithm Method Word Problems"

(1)

```
   11945 R3
8 | 95563
  - 8          (1x8)
    15
  - 8          (1x8)
     75
  - 72         (9x8)
      36
  - 32         (4x8)
       43
   - 40        (5x8)
        3
```

Remainder --> 3

(2)

```
   13458 R5
6 | 80753
  - 6          (1x6)
    20
  - 18         (3x6)
     27
  - 24         (4x6)
      35
  - 30         (5x6)
       53
   - 48        (8x6)
        5
```

Remainder --> 5

(3)

```
   13760 R4
7 | 96324
  - 7          (1x7)
    26
  - 21         (3x7)
     53
  - 49         (7x7)
      42
  - 42         (6x7)
       04
    - 0        (0x7)
        4
```

Remainder --> 4

(4)

```
   34622 R0
2 | 69244
  - 6          (3x2)
    09
  - 8          (4x2)
     12
  - 12         (6x2)
      04
   - 4         (2x2)
       04
    - 4        (2x2)
        0
```

Remainder --> 0

(5)

```
   3873 R3
9 | 34860
  - 27         (3x9)
    78
  - 72         (8x9)
     66
  - 63         (7x9)
      30
   - 27        (3x9)
       3
```

Remainder --> 3

(6)

```
   10635 R8
9 | 95723
  - 9          (1x9)
    05
  - 0          (0x9)
     57
  - 54         (6x9)
      32
   - 27        (3x9)
       53
    - 45       (5x9)
        8
```

Remainder --> 8